



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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**MAOB purified MaxPab mouse polyclonal antibody (B01P)** MaxPab®

Catalog # : H00004129-B01P

規格 : [ 50 ug ]

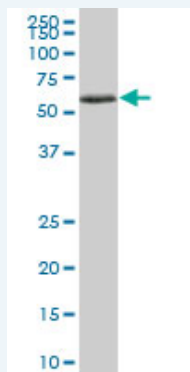
[List All](#)

**Specification**

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human MAOB protein.
<b>Immunogen:</b>	MAOB (NP_000889.3, 1 a.a. ~ 520 a.a) full-length human protein.
<b>Sequence:</b>	MSNKCDVWVGGGSGMAAKLLHDSGLNWWLEARDRVGGRTYTLRN QKVKYVDLGGSYVGPTQNRILRLAKELGLETYKVNEVERLIHVKGKSYF FRGPFPPVWNPITYLDHNNFWRTMDDMGREIPSDAPWKAPLAEEDNM TMKELLDKLCWTESAKQLATLFVNLCVTAETHEVSALWFLWYVKQCGG TTRIISTTNGGQERKFVGGSGQVSERIMDLLGDRVKLERPVIYDQTREN VLVETLNHEMYEAKYVISAIPPTLGMKIHFNPPLMMRNQMITRVPLGSVIK CIVYYKEPFWRKKDYCGTMIIDGEEAPVAYTLDDTKPEGNYAAIMGFILAH KARKLARLTKEERLKKLCELYAKVLGSLEALEPVHYEEKNWCEEQYSGG CYTTYFPPGILTQYGRVLRQPVDRIYFAGTETATHWSGYMEGAVEAGE RAAREILHAMGKIPEDIWQSEPEVDVPAQPITTTFLERHLPSVPGLRLI GLTTIFSATALGFLAHRGLLVRV
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

**Applications**

**Western Blot (Tissue lysate)**

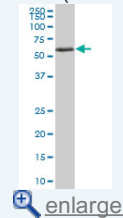


MAOB MaxPab polyclonal antibody. Western Blot analysis of MAOB expression in human liver.

 [Protocol Download](#)

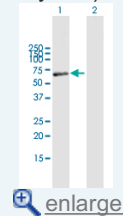
**Application Image**

**Western Blot (Tissue lysate)**



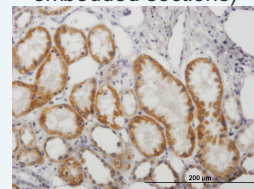
 [enlarge](#)


**Western Blot (Transfected lysate)**



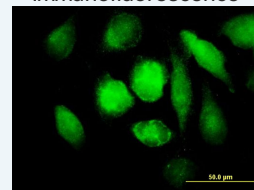
 [enlarge](#)

**Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)**



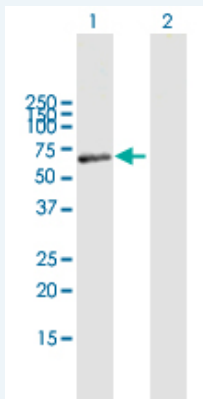
 [enlarge](#)

**Immunofluorescence**



 [enlarge](#)


### Western Blot (Transfected lysate)



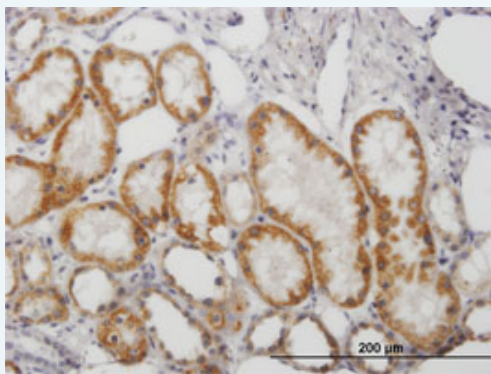
Western Blot analysis of MAOB expression in transfected 293T cell line ([H00004129-T01](#)) by MAOB MaxPab polyclonal antibody.

Lane 1: MAOB transfected lysate(57.2 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

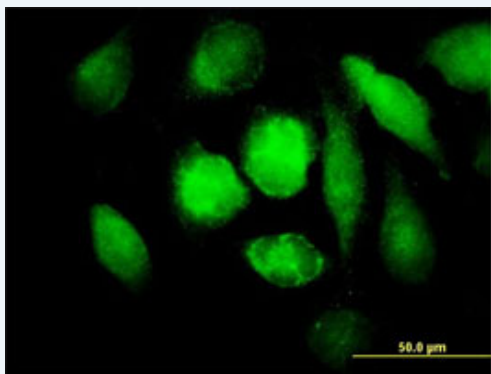



 [enlarge this image](#)

Immunoperoxidase of purified MaxPab antibody to MAOB on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]


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### Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to MAOB on HeLa cell. [antibody concentration 10 ug/ml]

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### Gene Information

Entrez GeneID: [4129](#)

GeneBank [NM\\_000898](#)

Accession#:

Protein [NP\\_000889.3](#)

Accession#:

**Gene Name:** MAOB

**Gene Alias:** MGC26382

**Gene Description:** monoamine oxidase B

**Omim ID:** [309860](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene belongs to the flavin monoamine oxidase family. It is an enzyme located in the mitochondrial outer membrane. It catalyzes the oxidative deamination of biogenic and xenobiotic amines and plays an important role in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues. This protein preferentially degrades benzylamine and phenylethylamine. [provided by RefSeq]

**Other Designations:** MAO, brain, MAO, platelet, adrenalin oxidase, tyramine oxidase

### Gene Pathway

[Arginine and proline metabolism](#) [Drug metabolism - cytochrome P450](#)  
[Glycine, serine and threonine metabolism](#) [Histidine metabolism](#) [Metabolic pathways](#)  
[Phenylalanine metabolism](#) [Tryptophan metabolism](#) [Tyrosine metabolism](#)

### Related Disease

[Alcoholism](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Asperger Syndrome](#)  
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[Depressive Disorder, Major](#) [Diabetes Mellitus, Type 2](#) [Disease Models, Animal](#)  
[Disease Progression](#) [Dyskinesia, Drug-Induced](#) [Edema](#) [Fatigue Syndrome, Chronic](#)

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